

Level 3 NVQ Approved Electrician Course

is for those learners who wish to become a competent electrician and wish to pursue a career in the electrotechnical/building services sector and to apply for **ECS GOLD CARD**.



Part1: EAL Level 3 NVQ Diploma in Installing Electrotechnical Systems and Equipment (Buildings, Structures and the Environment) (QCF) 501/1605/8

Guided learning hours: 726

This qualification is a National Vocational Qualification (NVQ) and is part of the apprenticeship framework developed by Summit Skills. NVQs encourage an employee to value their contribution to the workplace, and develop their skills and potential. It is recognised by the Joint Industry Board (JIB) for grading to apply for an ECS Installation Electrician Gold Card. This qualification requires occupational evidence.

There are no formal entry requirements for this qualification, however due to the assessment requirements of the performance units, learners would typically be working within the electrical industry. Learners must have the maturity and potential ability to meet the requirements of the assessment criteria for each learning outcome of the qualification units. Learners must have the minimum levels of literacy and numeracy to comply with the health and safety aspects of the scheme, the completion of the learning outcomes and the assessment.

The knowledge units have on-screen exams and internal (Centre marked) practical assignments. The performance units are locally assessed and require occupational evidence. The Diploma also requires the completion of Electrotechnical Occupational Competence Unit (**AM2 end point assessment**).

The knowledge units are typically Centre delivered though workshop practical, and classroom study. The performance units require evidence from the workplace.

This qualification will be obtained by the learner once they have achieved the units below. Note that QELTK units are knowledge units, QELTP units are performance units and require occupational evidence (site portfolio).

QEOC3/001 is assessed by the AM2 (via NET) and is the last unit to be taken.

At successful completion of this course the learner will receive an EAL Level 3 NVQ Diploma in Installing Electrotechnical Systems and Equipment (Buildings, Structures and the Environment) (QCF) 501/1605/8.

All units must be completed:

Knowledge Units			
EAL Code	Unit Title	GLH	Ofqual Code
QELTK3/001	Understanding health and safety legislation, practices and procedures (installing and maintaining electrotechnical systems and equipment)	54	H/602/2523
QELTK3/002	Understanding environmental legislation, working practices and the principles of environmental technology systems	36	M/602/2525
QELTK3/003	Understanding the practices and procedures for overseeing and organising the work environment (electrical installation)	56	J/602/2532
QELTK3/004	Understanding the practices and procedures for the preparation and installation of wiring systems and electrotechnical equipment in buildings, structures and the environment	96	T/602/2560
QELTK3/004A	Understanding the principles of planning and selection for the installation of electrotechnical equipment and systems in buildings, structures and the environment	76	A/602/2561
QELTK3/005	Understanding the principles, practices and legislation for the termination and connection of conductors, cables and cords in electrical systems	86	J/602/2563
QELTK3/006	Understanding the principles, practices and legislation for the inspection, testing, commissioning and certification of electrotechnical systems and equipment in buildings, structures and the environment	78	D/602/2567
QELTK3/007	Understanding the principles, practices and legislation for diagnosing and correcting electrical faults in electrotechnical systems and equipment in buildings, structures and the environment	58	R/602/2579
QELTK3/008	Understanding the electrical principles associated with the design, building, installation and maintenance of electrical equipment and systems	106	A/602/2589

Performance Units			
EAL Code	Unit Title	GLH	Ofqual Code
QELTP3/001	Applying health and safety legislation and working practices (installing and maintaining electrotechnical systems and equipment)	10	R/602/2596
QELTP3/002	Applying environmental legislation, working practices and the principles of environmental technology systems	10	H/602/2599
QELTP3/003	Overseeing and organising the work environment (electrical installation)	10	K/602/2605
QELTP3/004	Planning, preparing and installing wiring systems and associated equipment in buildings, structures and the environment	12	R/602/2792
QELTP3/005	Terminating and connecting conductors, cables and flexible cords in electrical systems	8	H/602/2828
QELTP3/006	Inspecting, testing, commissioning and certifying electrotechnical systems and equipment in buildings, structures and the environment	12	K/602/2703
QELTP3/007	Diagnosing and correcting electrical faults in electrical systems and equipment in buildings, structures and the environment	12	M/602/2704
QEOC3/001	Electrotechnical Occupational Competence (AM2 assessment by NET)	6	R/602/2503

Part 2: Level 3 Award in the Requirements for Electrical Installations

BS 7671:2018+A2:2022 (18th Edition) Wiring Regulations (City & Guild: 2382)

This qualification is for learners who involved in the electro technical sector such as electricians, designers, inspectors who wish to update their knowledge to the IET Wiring Regulations 18th Edition and wish to gain a

nationally recognised qualification at Level 3, to demonstrate their knowledge and understanding of the latest wiring regulations.

- ❖ The qualification covers the full content of BS 7671 IET Wiring Regulations 18th Edition.
- ❖ The Regulations apply to the design, erection and verification of electrical installations, and additions and alterations to existing installations.

At successful completion of this course learner will receive a Level 3 Award in the Requirements for Electrical Installations BS 7671:2018+A2:2022 (18th Edition) Wiring Regulations from EAL or City & Guild.

Part 3: Level 3 Award in Initial and Periodic Inspection and Testing of Electrical Installations EAL= 603/2625/6 or City & Guilds = 2391-52

This qualification is for those electricians who wish to carry out the initial inspection, testing and commissioning of electrical installations AND periodic inspection and testing of electrical installations.

This Award gives the learner an understanding of the theory and practice of the initial verification, commissioning, certification and periodic inspection, testing and condition reporting of both single and three phase electrical installations.

The qualification follows BS 7671 and the industry recognised IET Guidance Note 3, as well as the Electrical Safety Council's Best Practice Guides.

The Award gives an opportunity for individuals to develop and/or enhance their knowledge and skills in the Initial verification and periodic inspection and testing of single and three phase low voltage electrical installations.

The assessment involves one on-screen open book exam (IET GN3) and practical assessments covering initial & periodic inspection and testing and commissioning of a three-phase rig.

At successful completion of this course learner will receive an EAL or City & Guilds certificate.

Level 3 NVQ Approved Electrician Course Fee		
Course Booking Description	Course Fees Payable	TERMS OF PAYMENT
• L3 NVQ Diploma in Installing Electrotechnical Sys and Equip (Buildings, Structures and the Environment) and • Level 3 18th Edition BS7671:2018 And • Combined L3 Award in Initial Verification and Periodic Inspection, Testing & Certification	£4680.00	£1080.00 at the time of booking. £1200.00 before the start date. £1200.00 before the start of 3rd week. £1200.00 before the start of 5th week.
Early bird booking discount price for the above Course package (If booking is made two weeks in advance from the course start date)	£4320.00	£720.00 at the time of booking. £1200.00 on or before the start date. £1200.00 before the start of 3rd week. £1200.00 before the start of 5th week.
What is included in this course package fee? • 20 days In-centre training. • Formative and summative assessments for the course • Candidate portfolio workbook for recording "on job" training • Registration & Certification fee		

- All required tools for training & assessment are provided at the centre
- Course validity = 2 Years from the course start date.

What is **NOT** included in this course fee:

- On-Site Portfolio Service.
- Pre AM2 training or AM2 end point assessment.
- Reading material cost is not included in the course fee. Reading material can be purchased at centre but subject to the availability. (Minimum 5 days' notice required)

*Quoted fee is the current price and subject to change, please check at the time of booking.

The following reading material is required on the day of course start date.

1. Electrical Installation Work: Level 3 EAL Edition
2. IET On-Site Guide BS 7671:2018+A2:2022
3. IET Electricians Guide to the Building Regulations (BS 7671:2018+A2:2022)
4. IET Wiring Regulations 18th Edition, BS 7671:2018+A2:2022
5. IET Guidance Note 3 Inspection & Testing (BS 7671:2018+A2:2022)

The above reading material can be purchased at centre (at the cost of £230.00 no vat but subject to the availability).